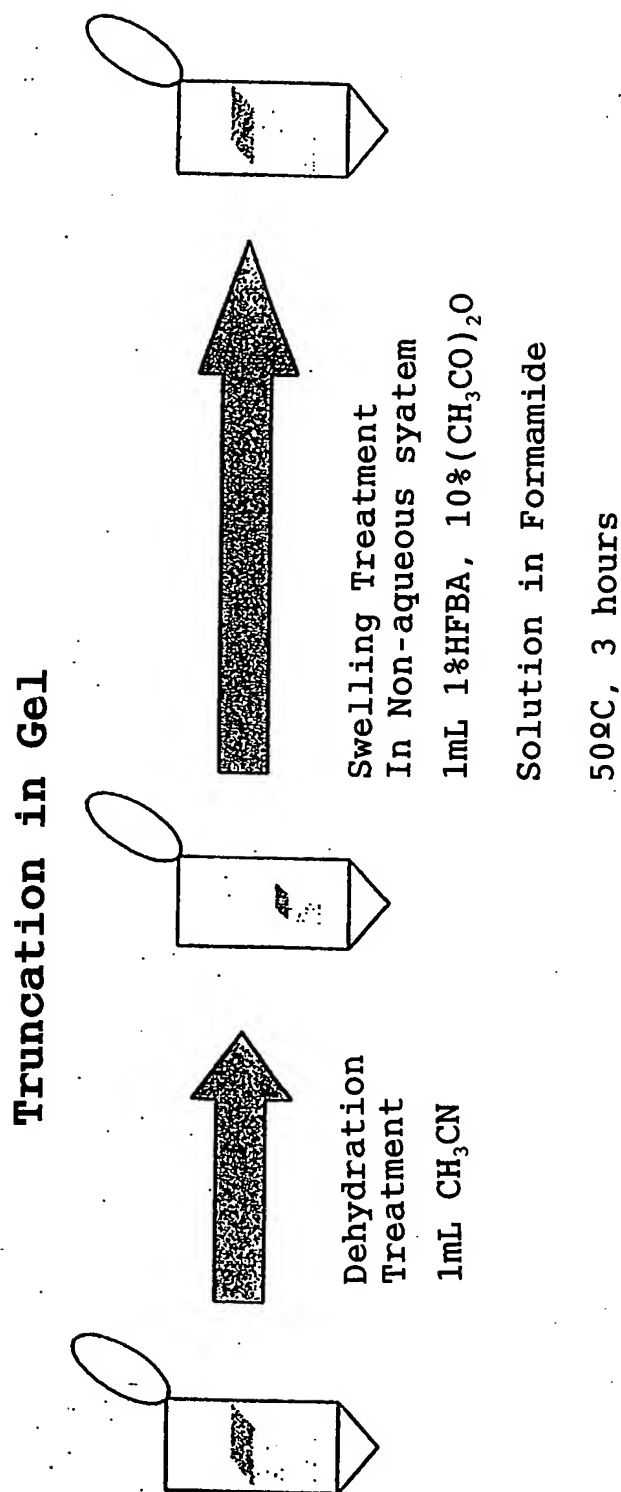


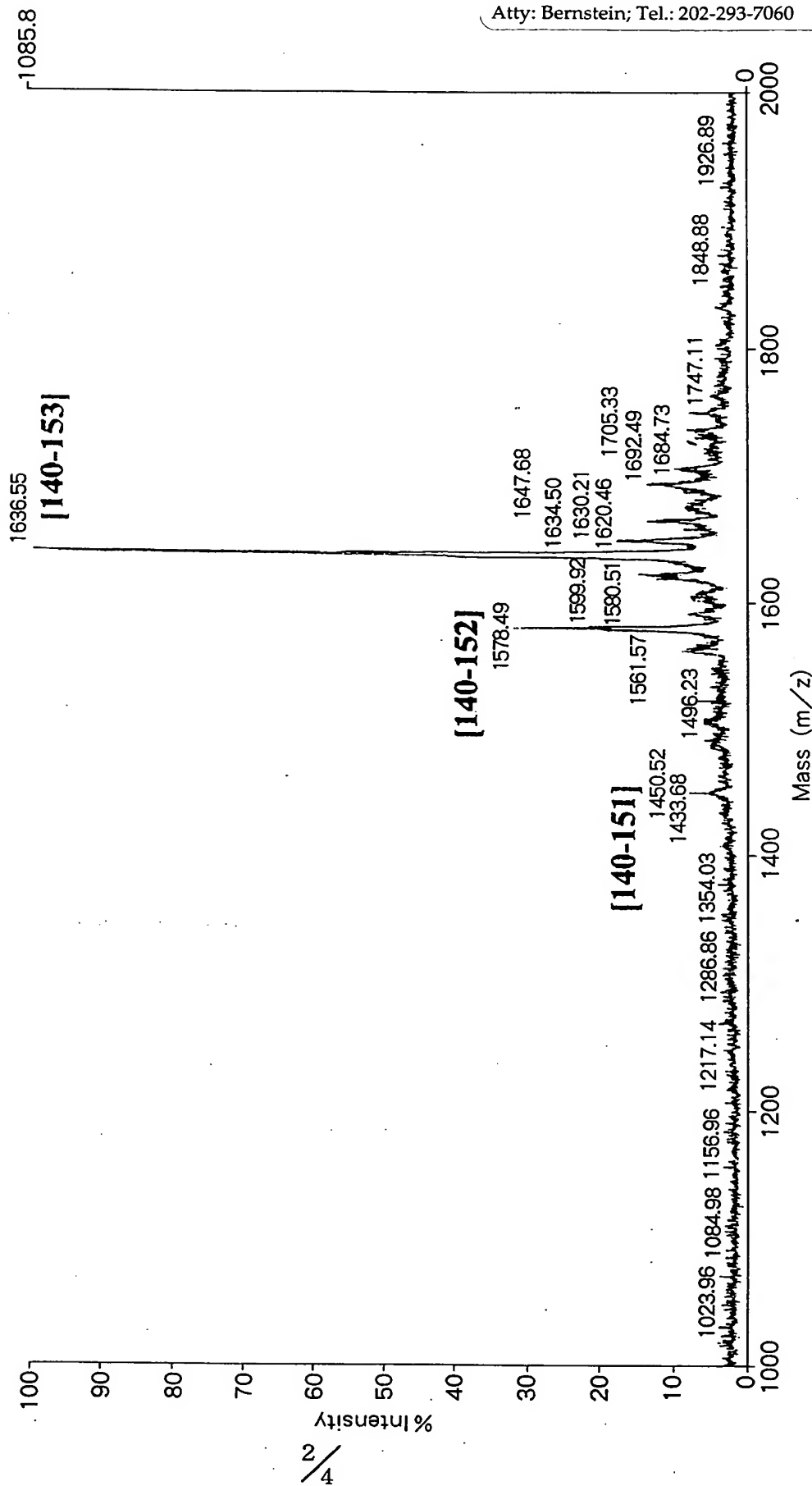
Fig. 1



Best Available Copy

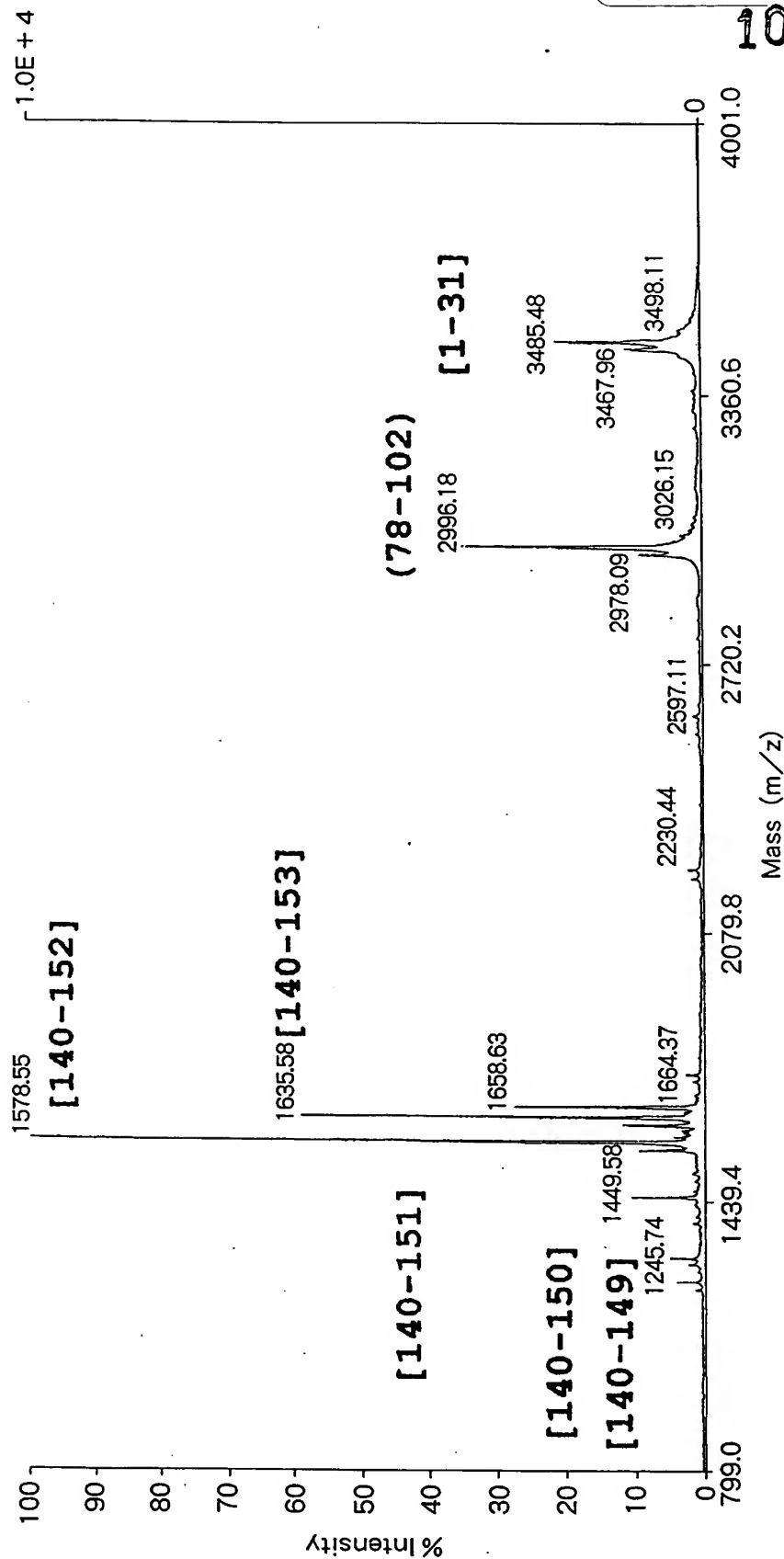
# Mb truncation reaction in gel

Fig. 2



# **Mb, 3h in test tube**

Fig. 3



NOTE: (78-102) is presumed to be a fragment resulting from the digestion by trypsin at the lysine site, which is caused by insufficient acetylation thereto.

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Fig. 4

myoglobin - horse

[1 - 153] mass = 17738.180

Cleavage at R

Small polar : D(7) E(13) N(3) Q(6)  
 Large polar : K(19) R(2) H(11)  
 Small non-polar : S(5) T(7) A(15) G(15)  
 Large non-polar : L(17) I(9) V(7) M(2) F(7) Y(2) W(2)  
 Special : C(0) P(4)

K[16] + 42.04 K[42] + 42.04 K[45] + 42.04 K[47] + 42.04  
 K[50] + 42.04 K[56] + 42.04 K[62] + 42.04 K[63] + 42.04  
 K[77] + 42.04 K[78] + 42.04 K[79] + 42.04 K[87] + 42.04  
 K[96] + 42.04 K[98] + 42.04 K[102] + 42.04 K[118] + 42.04  
 K[133] + 42.04 K[145] + 42.04 K[147] + 42.04

1 GLSDGEWQQVNLNVWG\*VEADIAGHGQEVLI 30  
 31 Rlftghpetle\*fd\*f\*hl\*teaem\*ased 60  
 61 l\*hg\*tvvltalggil\*ghheael\*pla 90  
 91 qshat\*h\*ipi\*ylefisdaiihvlhs\*hp 120  
 121 gnfgadaaggamt\*alelfrNDIAA\*Y\*ELG 150  
 151 FQG 153

(1) [1-31] = 3444.742 (2) [32-139] = 12692.649 (3) [140-153] = 1636.809